

Title (en)

METHOD OF MANUFACTURING A PANEL COMPRISING A POLYMERIC COMPOSITE LAYER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PANEELS MIT EINER POLMERKOMPOSITSCHICHT

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN PANNEAU COMPRENANT UNE COUCHE COMPOSITE POLYMÉRIQUE

Publication

EP 2588310 B2 20200708 (EN)

Application

EP 11733612 A 20110630

Priority

- EP 10190253 A 20101105
- EP 10167988 A 20100630
- EP 2011061017 W 20110630
- EP 11733612 A 20110630

Abstract (en)

[origin: WO2012001109A1] A panel (1) comprises a polymeric composite layer (4) and a cover layer which is laminated to the polymeric composite layer (4), wherein the cover layer comprises a polymeric film (5).

IPC 8 full level

B32B 21/02 (2006.01); **B32B 21/08** (2006.01); **B32B 27/08** (2006.01); **E04C 2/24** (2006.01)

CPC (source: EP RU US)

B32B 3/10 (2013.01 - US); **B32B 21/02** (2013.01 - EP RU US); **B32B 21/08** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/302** (2013.01 - EP US); **B32B 27/304** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 37/04** (2013.01 - EP US); **B32B 37/14** (2013.01 - US); **E04F 13/18** (2013.01 - EP US); **B32B 21/08** (2013.01 - RU); **B32B 27/08** (2013.01 - RU); **B32B 37/1027** (2013.01 - EP US); **B32B 37/153** (2013.01 - EP US); **B32B 38/0008** (2013.01 - EP US); **B32B 38/06** (2013.01 - EP US); **B32B 38/145** (2013.01 - EP US); **B32B 2262/067** (2013.01 - EP US); **B32B 2264/067** (2013.01 - EP US); **B32B 2305/30** (2013.01 - EP US); **B32B 2305/70** (2013.01 - EP US); **B32B 2307/102** (2013.01 - EP US); **B32B 2307/554** (2013.01 - EP US); **B32B 2307/75** (2013.01 - EP US); **B32B 2310/0825** (2013.01 - EP US); **B32B 2317/16** (2013.01 - EP US); **B32B 2471/00** (2013.01 - EP US); **E04C 2/24** (2013.01 - RU); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/24802** (2015.01 - EP US); **Y10T 428/24851** (2015.01 - EP US); **Y10T 428/269** (2015.01 - EP US); **Y10T 428/31786** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US); **Y10T 428/31938** (2015.04 - EP US)

Citation (opposition)

Opponent :

- WO 2008103887 A1 20080828 - MANNINGTON MILLS [US], et al
- US 5560797 A 19961001 - BURT JOHN R [US], et al
- WO 2010081860 A1 20100722 - SPANOLUX N V DIV BALTERIO [BE], et al
- GB 2338435 A 19991222 - GERFLOR SA [FR]
- US 5910358 A 19990608 - THOEN JOHAN A [NL], et al
- US 4614556 A 19860930 - FRY WILLIAM F [US], et al
- WO 2011141849 A2 20111117 - FLOORING IND LTD SARL [LU], et al
- US 2007039693 A1 20070222 - FORGET LUC [LU], et al
- US 2005136259 A1 20050623 - MOHANTY AMAR K [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012001109 A1 20120105; BR 112012033640 A2 20161122; BR 112012033640 B1 20201110; CA 2804100 A1 20120105; CA 2804100 C 20191008; CN 103153608 A 20130612; DE 202011110964 U1 20171110; EP 2588310 A1 20130508; EP 2588310 B1 20180131; EP 2588310 B2 20200708; EP 3354457 A1 20180801; EP 3354457 B1 20201216; EP 3885133 A1 20210929; ES 2661714 T3 20180403; ES 2661714 T5 20210312; ES 2853675 T3 20210917; PL 2588310 T3 20180530; PL 2588310 T5 20201019; PL 3354457 T3 20210628; RU 2013101801 A 20140810; RU 2600644 C2 20161027; TR 201802876 T4 20180321; US 2014147641 A1 20140529

DOCDB simple family (application)

EP 2011061017 W 20110630; BR 112012033640 A 20110630; CA 2804100 A 20110630; CN 201180042672 A 20110630; DE 202011110964 U 20110630; EP 11733612 A 20110630; EP 17208387 A 20110630; EP 20206225 A 20110630; ES 11733612 T 20110630; ES 17208387 T 20110630; PL 11733612 T 20110630; PL 17208387 T 20110630; RU 2013101801 A 20110630; TR 201802876 T 20110630; US 201113807497 A 20110630